

Serial No. 09/103,287

STN SEARCH

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NEWS 1 Feb 2 Web Page URLs for STN Seminar Schedule -
N. America NEWS 2 Aug 9 Expanded Caplus Coverage of
US, Japanese, WIPO and EPO Patents

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NEWS 4 Oct 5 Elsevier's World Textiles now available
on STN NEWS 5 Oct 27 EUROPATFULL - backlog data being
added

NEWS 6 Oct 27 DATA ELEMENTS TO BE REMOVED FROM JAPIO
NEWS 7 Nov 8 Derwent World Patents Index: Technology
Focus To Be Added to Basic Index

NEWS 8 Nov 24 PRINT FAX, SDI FAX NO LONGER AVAILABLE

NEWS 9 Nov 24 STEREO BOND SEARCH PROBLEM WITH STN

EXPRESS WITH DISCOVER! 5.0 (WINDOWS ONLY)

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***** STN Columbus *****

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FILE COVERS 1967 - 10 Dec 1999 (19991210/ED) VOL 131
ISS 25

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=> s (murc or (mur (w) c))/bi,ab

30 MURC/BI

23 MURC/AB

106 MUR/BI

96 MUR/AB

1712184 C/BI

1618054 C/AB

2 MUR (W) C

L1 32 (MURC OR (MUR (W) C))/BI,AB

=> s (staphyloc? or aureus)/bi,ab

41785 STAPHYLOC?/BI

34203 STAPHYLOC?/AB

32568 AUREUS/BI

28977 AUREUS/AB

L2 44111 (STAPHYLOC? OR AUREUS)/BI,AB

=> s l1 and l2

L3 1 L1 AND L2

=> d l3 bibi ab

'BIBI' IS NOT A VALID FORMAT FOR FILE 'CA'

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L3 ANSWER 1 OF 1 CA COPYRIGHT 1999 ACS

AN 130:106046 CA

TI Staphylococcus aureus gene murC encoding

UDP-N-acetylmuramate:L-alanine ligase

IN Wallis, Nicola G.; Burnham, Martin K. R.

PA Smithkline Beecham Corporation, USA; Smithkline

Beecham Plc SO Eur. Pat. Appl., 39 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO. DATE

PI EP 889123 A2 19990107 EP 1998-305064 19980626 R:

AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL,

SE, MC, PT, IE, SI, LT, LV, FI, RO

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CA 2236462 AA 19990103 CA 1998-2236462 19980630 JP
11225773 A2 19990824 JP 1998-225115 19980703 PRAI US
1997-52720 19970703

=> d 11 ab

L1 ANSWER 1 OF 32 CA COPYRIGHT 1999 ACS
AB The mechanism of the Mur synthetases of
peptidoglycan biosynthesis is thought to involve in
each case the successive formation of an acyl
phosphate and a tetrahedral intermediate. The
existence of the acyl phosphates for the MurC and MurD
enzymes from Escherichia coli was firmly established
by their in situ redn. by sodium borohydride followed
by acid hydrolysis, yielding the corresponding amino
alcs. Furthermore, it was found that MurD, but not
MurC, catalyzes the synthesis of adenosine
5'-tetraphosphate from the acyl phosphate, thereby
substantiating its existence and pointing out a
difference between the two enzymes.

=> log y

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Term	Documents
(3 AND 6).USPT.	1

Database: US Patents Full-Text Database13 and 16

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USPT	mur adj c	0	<u>L2</u>
USPT	l1 or l2	6	<u>L3</u>
USPT	staphyloc\$	12212	<u>L4</u>
USPT	aureus	11291	<u>L5</u>
USPT	l4 or l5	14338	<u>L6</u>
USPT	l3 and l6	1	<u>L7</u>

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FRU, CCM
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